Lanier Worldwide, Inc.
2300 Parklake Drive, NE
Atlanta, GA USA 30345-2979

MATERIAL SAFETY DATA SHEET

Emergency Telephone: 800-526-4371

Section 1: Chemical Product and Company Information

Identity:	**6110/6112 Black Toner**	MSDS No.	**CP- 251**
Product ID:	117-0135	Issued:	06/15/2004
		Supersedes:	**12/26/2000**
Synonyms & Common Names:	Black Toner for Lanier 6110, 6112	**Date:**	**06/15/2004**
		Prepared by:	**EH&S Department 770-496-9500**
		Approved by:	Larry Choskey, Manager, CEH&S
Uses:	Lanier 6110, 6112 Copier	**European Contact:**	Walter Fricke, Manager, Safety & Environment, Lanier Worldwide, Inc. Im Taubental D-41468 Neuss, Germany +49-2131-387-177
Chemical Formula:	Mixture		

Section 2: Composition / Information on Ingredients

Component	Percent	CAS No.	Exposure Limits	Source
Styrene acrylate copolymer	93	27136-15-8	Not listed	n/a
Carbon black	4	1333-86-4	3.5mg/m^3 3.5mg/m^3	OSHA PEL ACGIH TWA
Organic pigment	3	8005-02-5	Not listed	N/a

*PEL as the product: 15mg/m^3 (total dust), 5mg/m^3 (respirable dust)
*TLV as the product: 10mg/m^3 (total dust), 5mg/m^3 (respirable dust)

Section 3: Hazards Identification

HMIS Rating:
FLAMMABILITY = 1 HEALTH = 1
REACTIVITY = 0 SPECIAL = none

Health Hazards (Acute, Chronic, Immediate and Potential): Minimum irritation to respiratory tract may occur as with exposure to any non-toxic dust. May cause gasping if inhaled. Inhalation should be avoided. May cause temporary eye discomfort.
Health Hazards of Long Term exposure (Chronic): Prolonged inhalation of excessive dust may cause lung damage. It is attributed to "lung overloading", a generic response to excessive amounts of any dust retained in the lungs for a prolonged interval. Use of this product, as intended, does not result in inhalation of excessive dust.
Carcinogenicity: Carbon Black was reclassified as a Group 2B by the IARC in 1996 based upon the result of only the inhalation study in rats. However, there was not observed the incidence of tumors on the test results on dermal or oral studies. Also, 2-years inhalation study using a typical toner containing carbon black showed no association between toner exposure and animal tumors.

Section 4: First Aid Measures

Inhalation:	Gargle with water. Remove to fresh air if effects occur. Get medical attention if needed.	**Eye Contact:**	In case of contact, immediately flush eyes with water for 15 minutes. Get medical attention if needed.
Skin Contact:	Wash with soap and water.	**Ingestion:**	Dilute stomach contents with several glasses of water. Get medical attention.

Section 5: Fire Fighting Measures

Suitable extinguishing media: CO_2, dry chemical, foam or water.

Extinguishing media which may not be used for safety reasons: none

Special protective equipment for fire fighters: none
UEL: n/a LEL: n/a

Section 6: Accidental Release Measures

Spill / leak Procedures: If spilled, sweep up using an approved toner vacuum with a 0.5 micron filter or smaller, such as the Atrix AAA Toner Vacuum or 3M Toner Vacuum. Use of a vacuum cleaner not rated for toner particles, could result in a fire or personal injury. Remove residue with soap and cold water.
Miscellaneous: Keep product out of sewers and watercourses.
Personal protection: Avoid inhalation of dust.

Section 7: Handling and Storage

Special Handling: Cleanse skin after contact before breaks or meals, and end of workday.
Do not handle in areas where the wind blows.
Minimize the breathing of dust.
Special Storage: Avoid direct sunlight. Keep out of reach of children. Store in a cool, dry place. Below 35C (95F)

Section 8: Exposure Control and Personal Protection Information:

Respiratory Protection: none required under normal use.

Hand Protection: none required under normal use.

Eye Protection: none required under normal use.

Skin Protection: none required under normal use.

Section 9: Physical and Chemical Properties

CHARACTERISTICS:

Appearance:	Black	Melting point:	N/a
Form:	Powder	Vapor pressure:	N/a
Odor:	Odorless	Vapor density:	N/a
Solubility in Water:	Insoluble	Evaporation rate:	N/a
Specific Gravity:	1.1 (approx.)	Boiling point:	N/a

Section 10: Stability and Reactivity

Conditions to avoid: none Materials to avoid: none Stability: Stable
Hazardous decomposition products: Will not occur

Section 11: Toxicological Information:

Ames test negative **Acute skin irritation**: n/a
Acute oral toxicity: Oral LDLO: >5.0g/kg **Acute allergenic effects**: n/a
Special effects: Carcinogenicity: In 1996 the IARC reclassified Carbon Black as a Group 2B carcinogen (possible human carcinogen). This evaluation is given to carbon black for which there is inadequate human evidence, but sufficient animal evidence. The latter is based upon the development of lung tumors in rats receiving chronic inhalation exposures to free carbon black at levels that induce particle overload of the lung. Studies performed in animal models other than rats have not demonstrated an association between carbon black and lung tumors. Moreover, 2-years cancer bioassay using a typical toner preparation containing carbon black did not demonstrate an association between toner exposure and tumor development in rats.

Section 12: Environmental / Ecological Information

Acute toxicity to fish: N.A. **Bioaccumulation**: Not known in bioaccumulation
Persistence/Degradability: Not known **Acute toxicity to daphnia:** Not available
Algae inhibition test: Not available

Section 13: Disposal Consideration

Used Toner should be disposed of under conditions that meet all federal, state and local environmental regulations. Disposal regulations vary from locality to locality; therefore consult your local Lanier office or the EPA to determine the proper method for disposal. Do not incinerate loose or spilled Toner.

Section 14: Transportation Information

International regulations:

RID/ADR	Not applicable	**ICAO-TI/ATA-DGR**	Not applicable
DOT 49 CFR	Not applicable	**UN Classification Number**	Not applicable
ADNR	Not applicable	**IMDG Code**	Not applicable

Specific precautionary transport measures: Avoid direct sunlight. Do not keep over 35°C (95°F).
Specific material to avoid: None in normal use.

Information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. *On the basis of the data available to us, this product is not a dangerous substance. One should, however, observe the usual precautionary measures for dealing with chemicals.*

Section 15: Regulatory Information

Regulation:
US/Canada Information
OSHA Hazard Communication Standard, 29CFR 1910. 1200: Not regulated
Toxic Substance Control Act (TSCA): All chemical substances in this product comply with all applicable rules or orders under TSCA.
RCRA (40 CFR 261): Product or components not listed.
CERCLA/SARA Information: Not regulated.
NTP Annual Report on Carcinogens: Not listed as an NTP carcinogen.
IARC: See section 11.
California Proposition 65: Neither toner, or any of the components, are listed as chemicals known to the State of California to cause cancer or reproductive system effects.
Controlled Products Regulations (Canada): This product has been classified in accordance with the hazard criteria of the CPR.
Other State Regulations: Carbon black is listed in the New Jersey Right to Know List, Pennsylvania Hazardous Substance List, and Massachusetts Substance List.
U.S./Canada Label Statements: LOW HAZARD FOR RECOMMENDED HANDLING. Minimize dust generation and accumulation. Use with adequate ventilation.
EU Information
Label Information According to Directives 67/548 EEC & 88/379 EEC:
Symbol & Indication: Not required
Risk Phrase: Not required
Safety Advise Phrase: Not required
EEC Directive (76/548 EEC, 79/831 EEC, 92/32 EEC): All chemical substances in this product comply with all applicable rules or order under EEC Directive.
The Subject of Specific Provisions in Relation to Protection of Man or the Environment. Directive 76/769/EEC: Not required
National requirement: No specific regulations or restrictions.

Section 16: Miscellaneous Information

Judgment as to the suitability of information contained herein for user's purposes is the responsibility of the purchaser. Therefore, although reasonable care has been taken in the preparation of this information, Lanier Worldwide, Inc. extends no warranties, makes no representations, and assumes no responsibility as to the accuracy or suitability of such information for application to user's intended purposes or for consequences of its use. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we do not guarantee that these are the only hazards that exist.